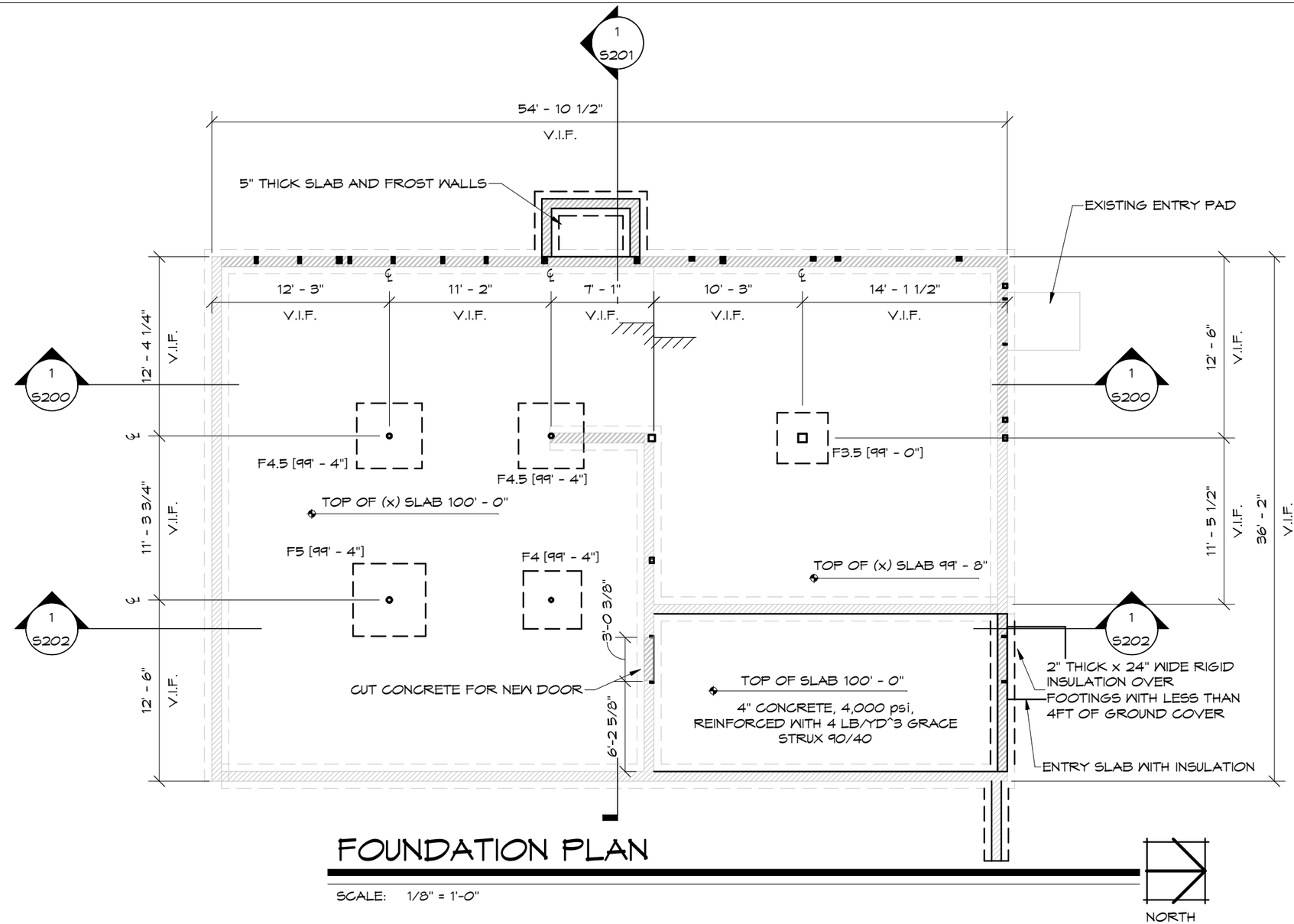
FOOTING SCHEDULE

PLAN MARK	FOOTING DIMENSIONS	REINFORCING
F3.5	3' - 6" x 3' - 6" x 12"	(3) #4's EACH WAY
F4	4' - 0" x 4' - 0" x 12"	(3) #5's EACH WAY
F4.5	4' - 6" x 4' - 6" x 12"	(4) #5's EACH WAY
F5	5' - 0" x 5' - 0" x 15"	(4) #5's EACH WAY



FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

NOT FOR CONTRUCTION

NOTES:

1. TOP OF WALL (TOW) = SEE PLAN
2. TOP OF SLAB (TOS) = SEE PLAN
3. TOP OF FOOTING (TOF) [XX'-YY"] = SEE PLAN
4. TOP OF PIER (TOP) (XX'-YY") = SEE PLAN
5. CONTROL JOINTS (CJ) ARE TO BE SAWCUT CONTROL JOINTS OR CONSTRUCTION JOINTS, SEE DETAIL.
6. DENOTES SHEAR WALL
7. DENOTES SHEAR WALL HOLD DOWN
8. DO NOT BACKFILL BASEMENT WALLS MORE THAN 1/3 UNTIL SLAB ON GRADE AND FLOOR DECK ARE INSTALLED, U.N.O.
9. PSL COLUMNS ARE NOT PERMITTED TO BEAR ON SIDE GRAIN OF WALL PLATES OR SHEATHING. SEE PSL COLUMN BEARING DETAIL 7/ S402

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STRUCTURAL ENGINEERING CONSULTANTS
120 Graham Way, Suite 124
Shelburne, VT 05482
tel 802 497 3531
www.ArtisanEng.com

Project # -	17112
Checked By -	Higgins
Drawn By -	Moore
Date -	05/31/2017
Scale -	1/8" = 1'-0"

Mike Dunbar
Crossroads
Charlotte, VT

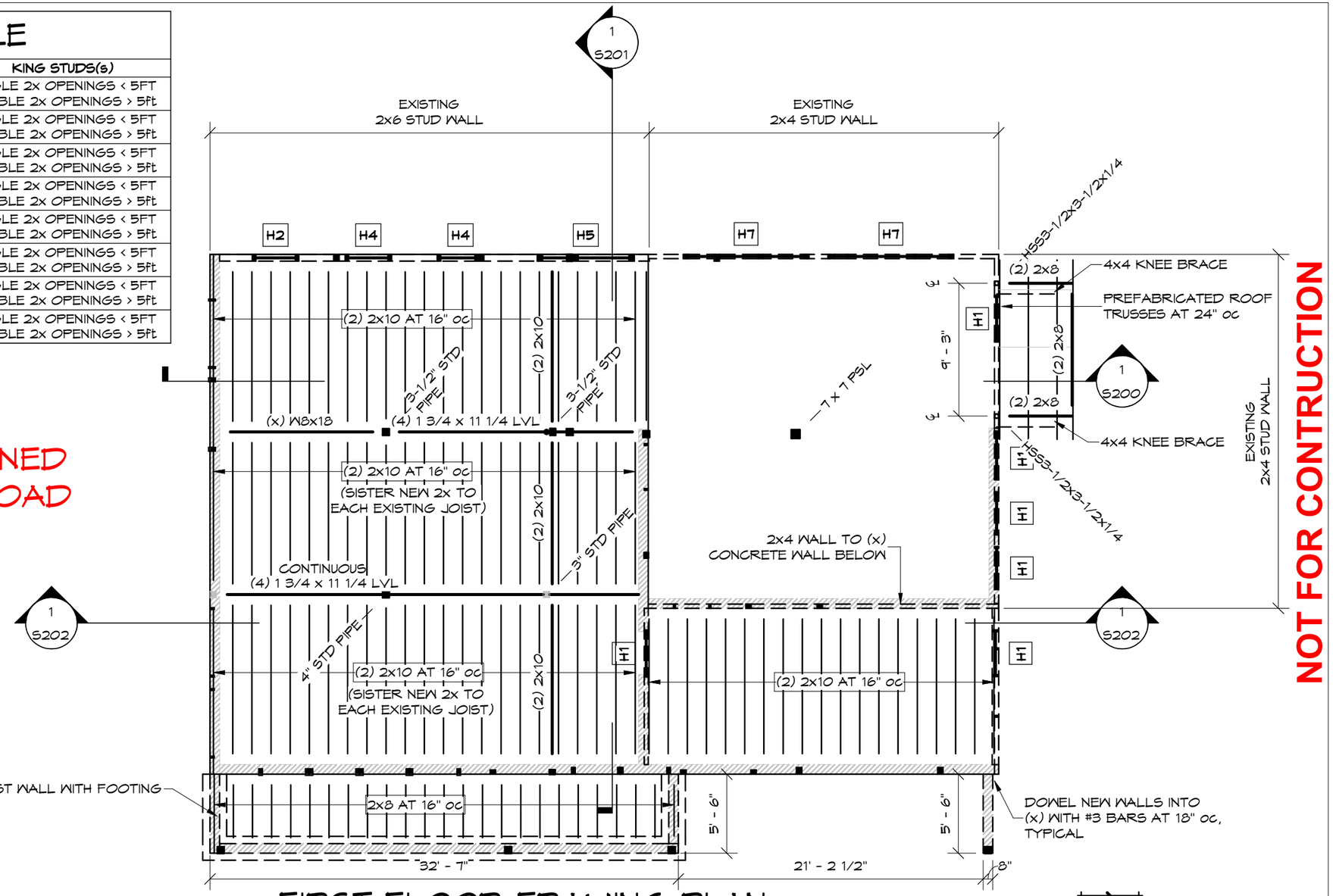
S100

FOUNDATION PLAN

HEADER SCHEDULE

PLAN MARK	HEADER SIZE	JACK STUD(s)	KING STUDS(s)
TYPICAL (U.N.O.)	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H1	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H2	(2) 2x8 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H3	(2) 2x12 (VERT) 2x (HORIZ)	TRIPLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H4	(3) 2x12 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H5	(3) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	QUAD 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H6	(2) 1 3/4 x 9 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H7	(2) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft

THIS FLOOR IS DESIGNED FOR A 100psf LIVE LOAD



NOT FOR CONTRUCTION

FIRST FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"

NORTH

NOTES:

1. ALL WALLS, COLUMNS, AND HEADERS ARE SHOWN BELOW THIS FLOOR PLAN
2. DENOTES SHEAR WALL
3. DENOTES SHEAR WALL HOLD DOWN
4. PSL COLUMNS ARE NOT PERMITTED TO BEAR ON SIDE GRAIN OF WALL PLATES OR SHEATHING. SEE PSL COLUMN BEARING DETAIL 7/ S402
5. STEEL COLUMNS NOTED AS "STD PIPE" (SCH 40) ARE AS DESCRIBED IN THE AISC STEEL CONSTRUCTION MANUAL, THEY ARE NOT "LALLY COLUMNS"
6. FLOOR SHEATHING SHALL BE 3/4" TONGUE AND GROOVE SHEATHING RATED FOR SPANS FASTENED WITH 10d RING SHANK NAILS AT 6" oc AND SUBFLOOR ADHESIVE.

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Shelburne, VT 05482
tel 802 497 3531
www.ArtisanEng.com

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Date -	05/31/2017
Scale -	1/8" = 1'-0"

Mike Dunbar
Crossroads
Charlotte, VT

S101

FIRST FLOOR FRAMING PLAN

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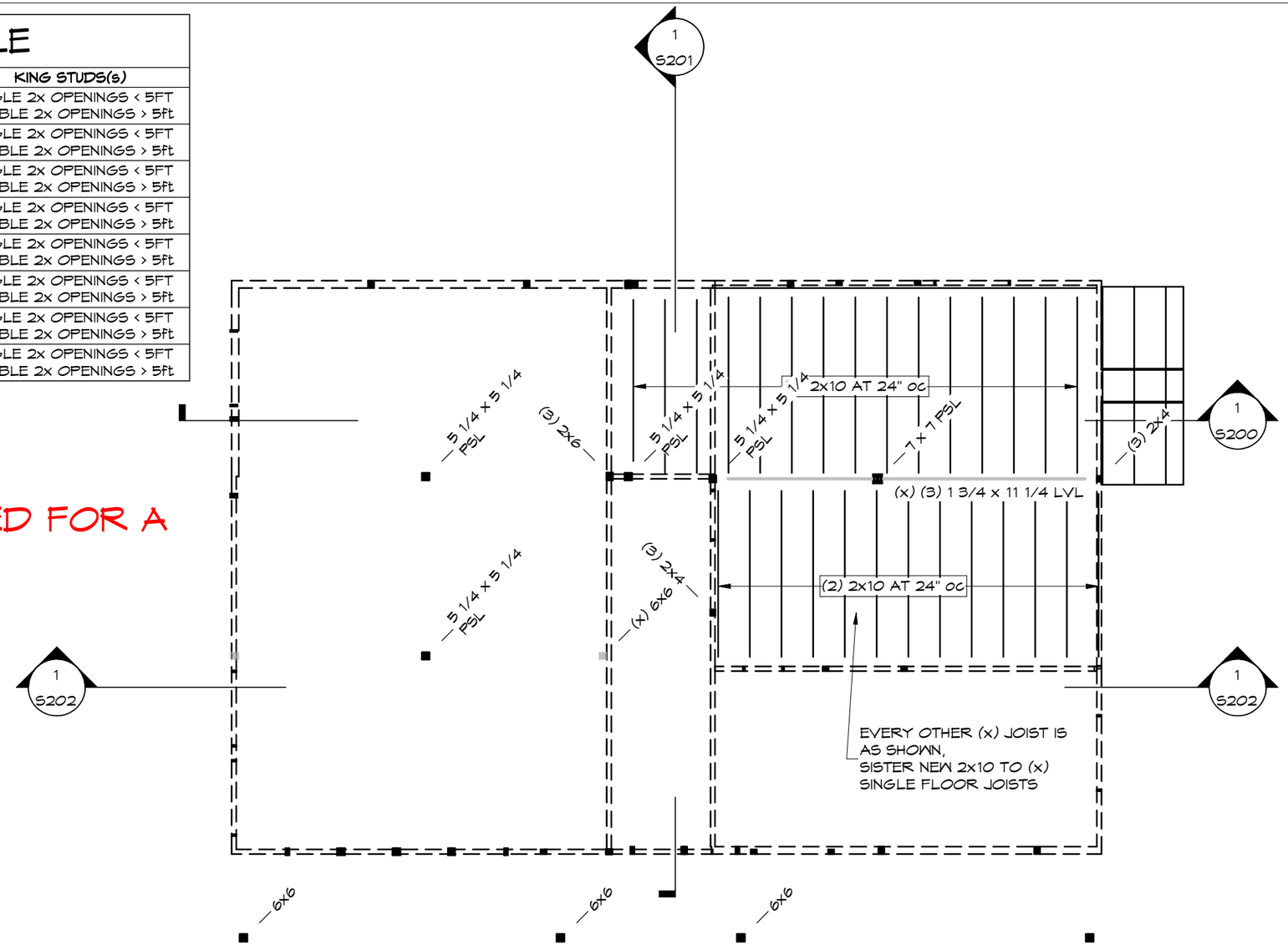
HEADER SCHEDULE

PLAN MARK	HEADER SIZE	JACK STUD(s)	KING STUDS(s)
TYPICAL (U.N.O.)	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H1	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H2	(2) 2x8 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H3	(2) 2x12 (VERT) 2x (HORIZ)	TRIPLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H4	(3) 2x12 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H5	(3) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	QUAD 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H6	(2) 1 3/4 x 9 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H7	(2) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft

THIS FLOOR IS DESIGNED FOR A 50 psf LIVE LOAD



NOT FOR CONTRUCTION

LEVEL 1.5 FRAMING PLAN

SCALE: 1/8" = 1'-0"

NORTH

NOTES:

1. ALL WALLS, COLUMNS, AND HEADERS ARE SHOWN BELOW THIS FLOOR PLAN
2. DENOTES SHEAR WALL
3. DENOTES SHEAR WALL HOLD DOWN
4. PSL COLUMNS ARE NOT PERMITTED TO BEAR ON SIDE GRAIN OF WALL PLATES OR SHEATHING. SEE PSL COLUMN BEARING DETAIL 7/ S402
5. STEEL COLUMNS NOTED AS "STD PIPE" (SCH 40) ARE AS DESCRIBED IN THE AISC STEEL CONSTRUCTION MANUAL, THEY ARE NOT "LALLY COLUMNS"
6. FLOOR SHEATHING SHALL BE 3/4" TONGUE AND GROOVE SHEATHING RATED FOR SPANS FASTENED WITH 10d RING SHANK NAILS AT 6" oc AND SUBFLOOR ADHESIVE.

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STRUCTURAL ENGINEERING CONSULTANTS
120 Graham Way, Suite 124
Shelburne, VT 05482
tel 802 497 3531
www.ArtisanEng.com

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Drawn By -	Moore
Date -	05/31/2017
Scale -	1/8" = 1'-0"

Mike Dunbar
Crossroads
Charlotte, VT

S102

LEVEL 1.5 FLOOR FRAMING PLAN

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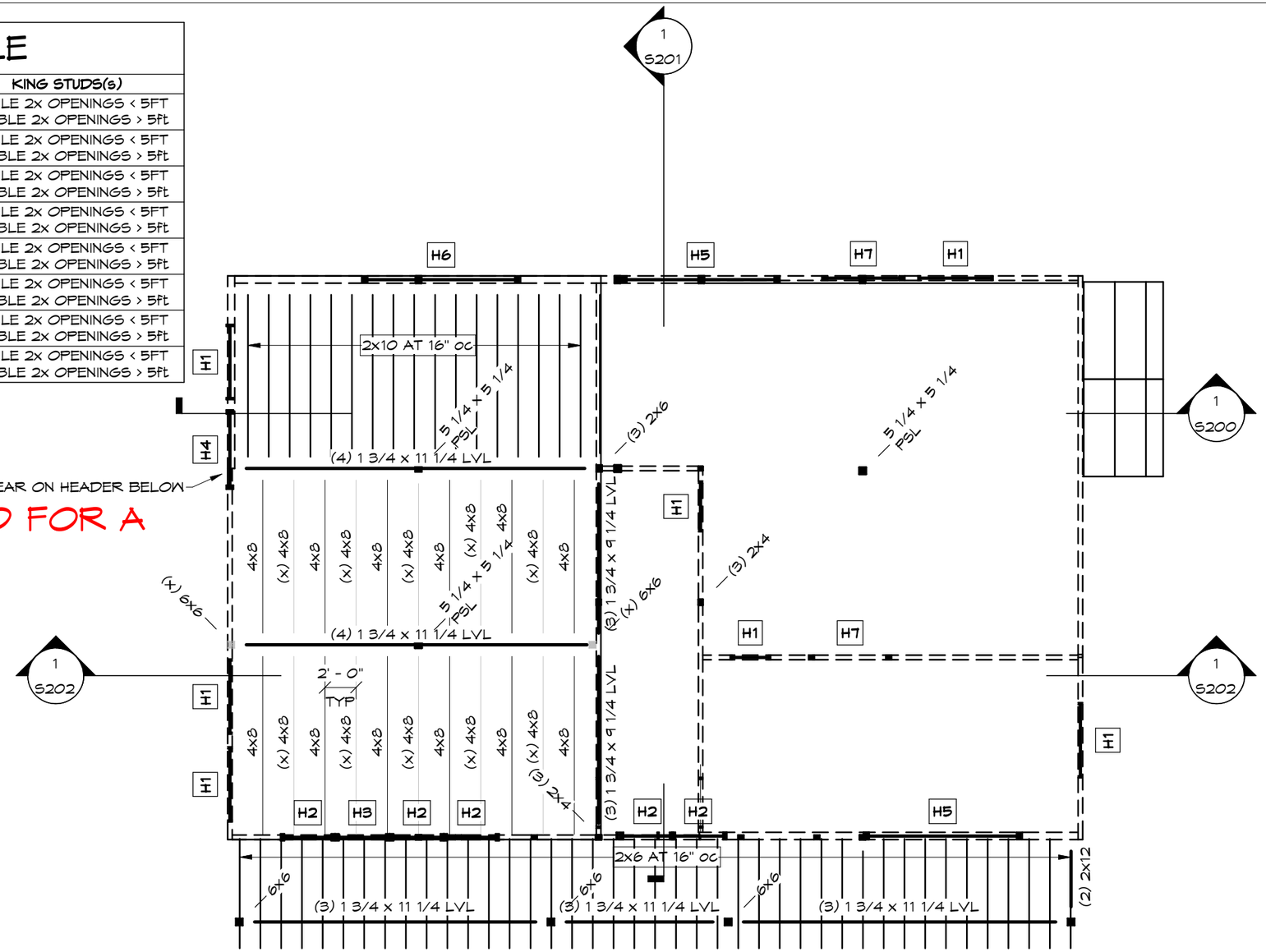
HEADER SCHEDULE

PLAN MARK	HEADER SIZE	JACK STUD(s)	KING STUDS(s)
TYPICAL (U.N.O.)	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H1	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H2	(2) 2x8 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H3	(2) 2x12 (VERT) 2x (HORIZ)	TRIPLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H4	(3) 2x12 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H5	(3) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	QUAD 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H6	(2) 1 3/4 x 9 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H7	(2) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft



THIS FLOOR IS DESIGNED FOR A 50 psf LIVE LOAD

NOT FOR CONTRUCTION

SECOND FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"

NORTH

NOTES:

1. ALL WALLS, COLUMNS, AND HEADERS ARE SHOWN BELOW THIS FLOOR PLAN
2. DENOTES SHEAR WALL
3. DENOTES SHEAR WALL HOLD DOWN
4. PSL COLUMNS ARE NOT PERMITTED TO BEAR ON SIDE GRAIN OF WALL PLATES OR SHEATHING. SEE PSL COLUMN BEARING DETAIL 7/ S402
5. STEEL COLUMNS NOTED AS "STD PIPE" (SCH 40) ARE AS DESCRIBED IN THE AISC STEEL CONSTRUCTION MANUAL, THEY ARE NOT "LALLY COLUMNS"
6. FLOOR SHEATHING SHALL BE 3/4" TONGUE AND GROOVE SHEATHING RATED FOR SPANS FASTENED WITH 10d RING SHANK NAILS AT 6" oc AND SUBFLOOR ADHESIVE.

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STRUCTURAL ENGINEERING CONSULTANTS
120 Graham Way, Suite 124
Shelburne, VT 05482
tel 802 497 3531
www.ArtisanEng.com

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Drawn By -	Moore
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Mike Dunbar
Crossroads
Charlotte, VT

S103

SECOND FLOOR FRAMING PLAN

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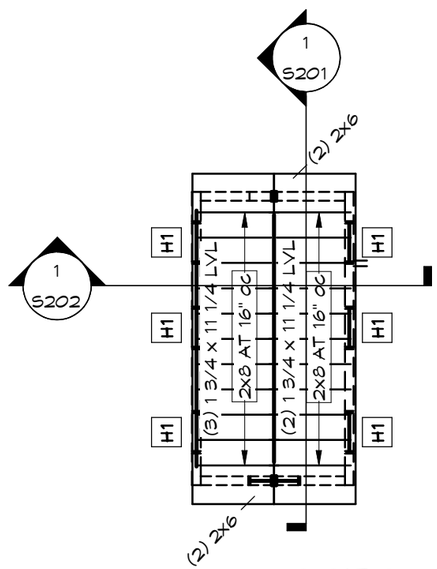
HEADER SCHEDULE

PLAN MARK	HEADER SIZE	JACK STUD(s)	KING STUDS(s)
TYPICAL (U.N.O.)	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H1	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H2	(2) 2x8 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H3	(2) 2x12 (VERT) 2x (HORIZ)	TRIPLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H4	(3) 2x12 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H5	(3) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	QUAD 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H6	(2) 1 3/4 x 9 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H7	(2) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft

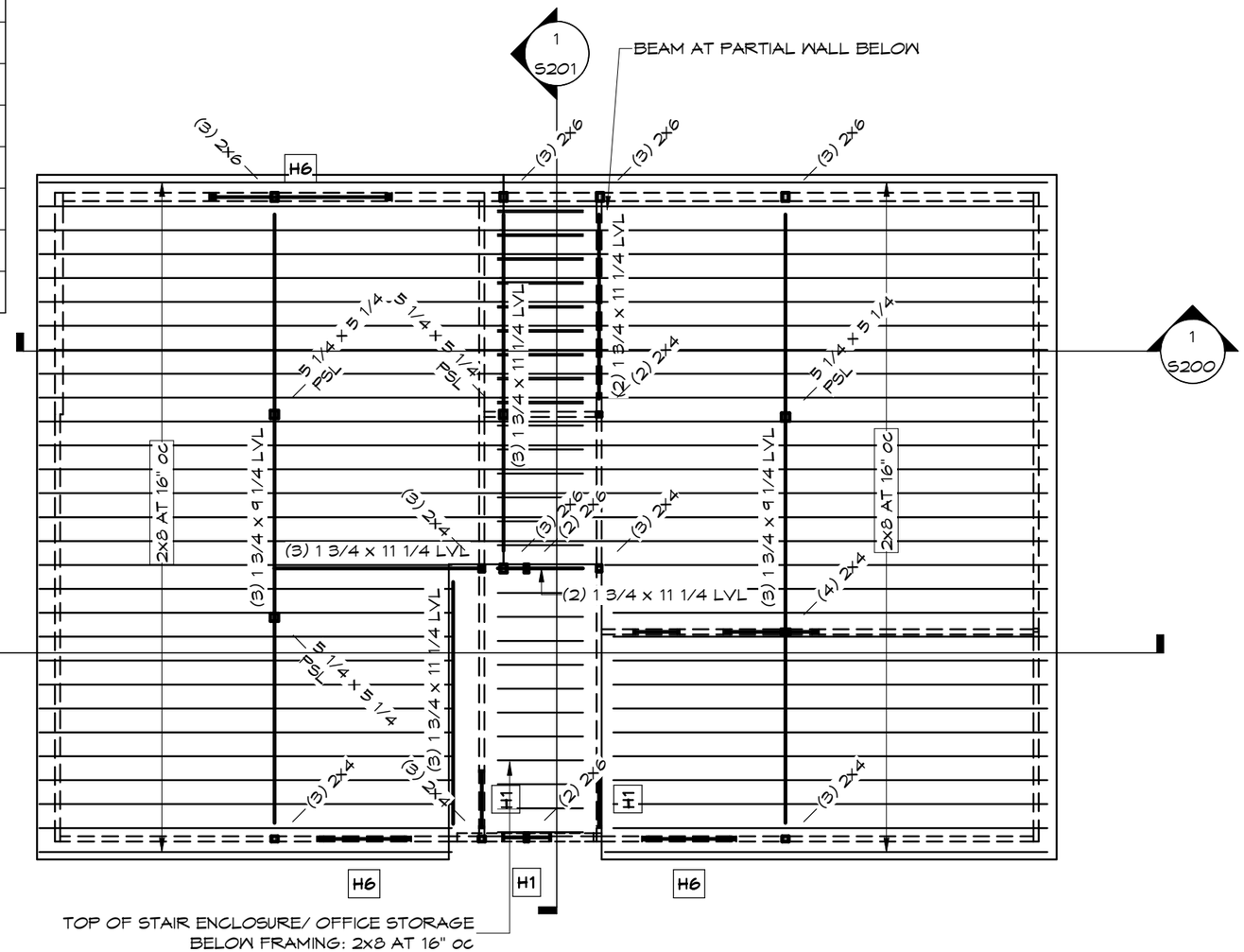


UPPER ROOF FRAMING PLAN

2

SCALE: 1/8" = 1'-0"

NORTH



ROOF FRAMING

SCALE: 1/8" = 1'-0"

NORTH

NOTES:

1. ALL WALLS, COLUMNS, AND HEADERS SHOWN ARE BELOW THIS FLOOR PLAN.
2. SEE TRUSS LOADING DIAGRAMS FOR LOAD REQUIREMENTS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR ROOF OVERBUILDS
4. DENOTES SHEAR WALL
5. DENOTES SHEAR WALL HOLD DOWN
6. STEEL COLUMNS NOTED AS "STD PIPE" (SCH 40) ARE AS DESCRIBED IN THE AISC STEEL CONSTRUCTION MANUAL, THEY ARE NOT "LALLY COLUMNS"
7. ROOF SHEATHING SHALL BE 5/8" SHEATHING RATED FOR SPANS, FASTENED WITH 8d NAILS AT 6" oc

NOT FOR CONTRUCTION

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STRUCTURAL ENGINEERING CONSULTANTS
120 Graham Way, Suite 124
Shelburne, VT 05482
tel 802 497 3531
www.ArtisanEng.com

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Drawn By -	Moore
Date -	05/31/2017
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Mike Dunbar
Crossroads
Charlotte, VT

S104

ROOF FRAMING PLAN

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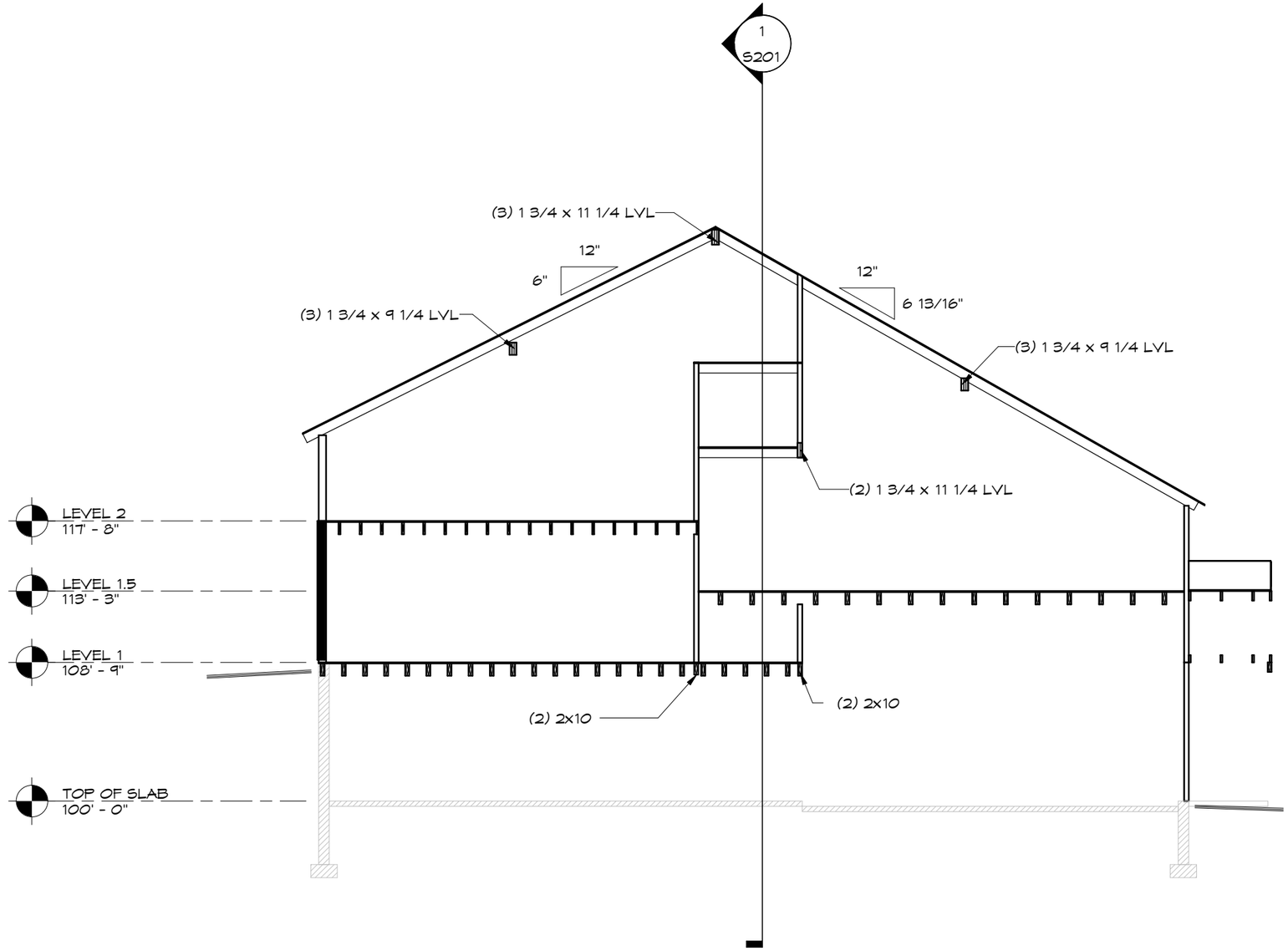

BUILDING SECTION 1

SCALE: 1/8" = 1'-0"

NOT FOR CONTRUCTION

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120 Graham Way, Suite 124
Shelburne, VT 05482
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Mike Dunbar
Crossroads
Charlotte, VT

S200

BUILDING SECTIONS

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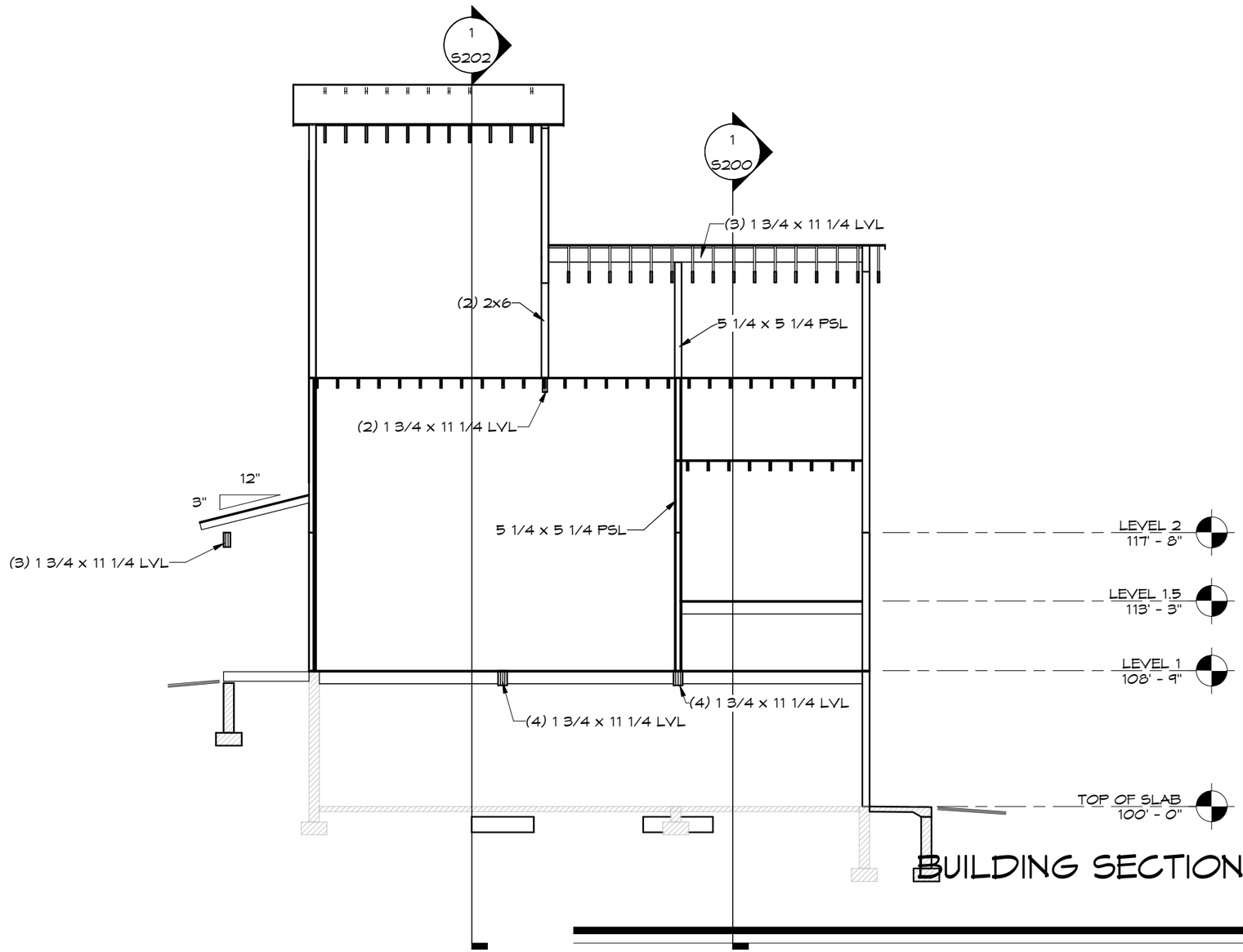

BUILDING SECTION THROUGH STAIR

1

SCALE: 1/8" = 1'-0"

NOT FOR CONTRUCTION

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Mike Dunbar
Crossroads
Charlotte, VT

S201

BUILDING SECTIONS

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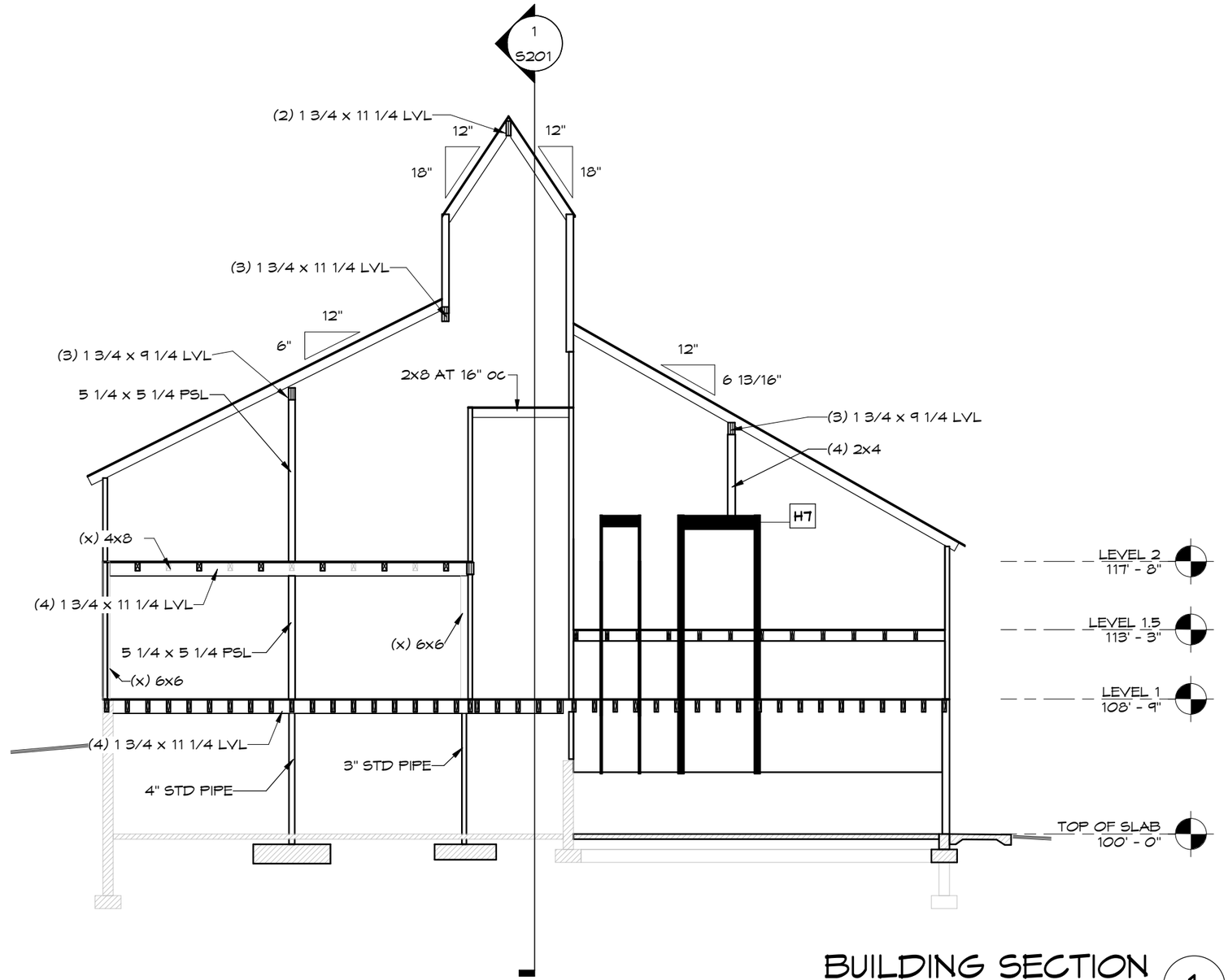

BUILDING SECTION 1

SCALE: 1/8" = 1'-0"

NOT FOR CONTRUCTION

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Drawn By -	Moore
Date -	05/31/2017
Scale -	1/8" = 1'-0"

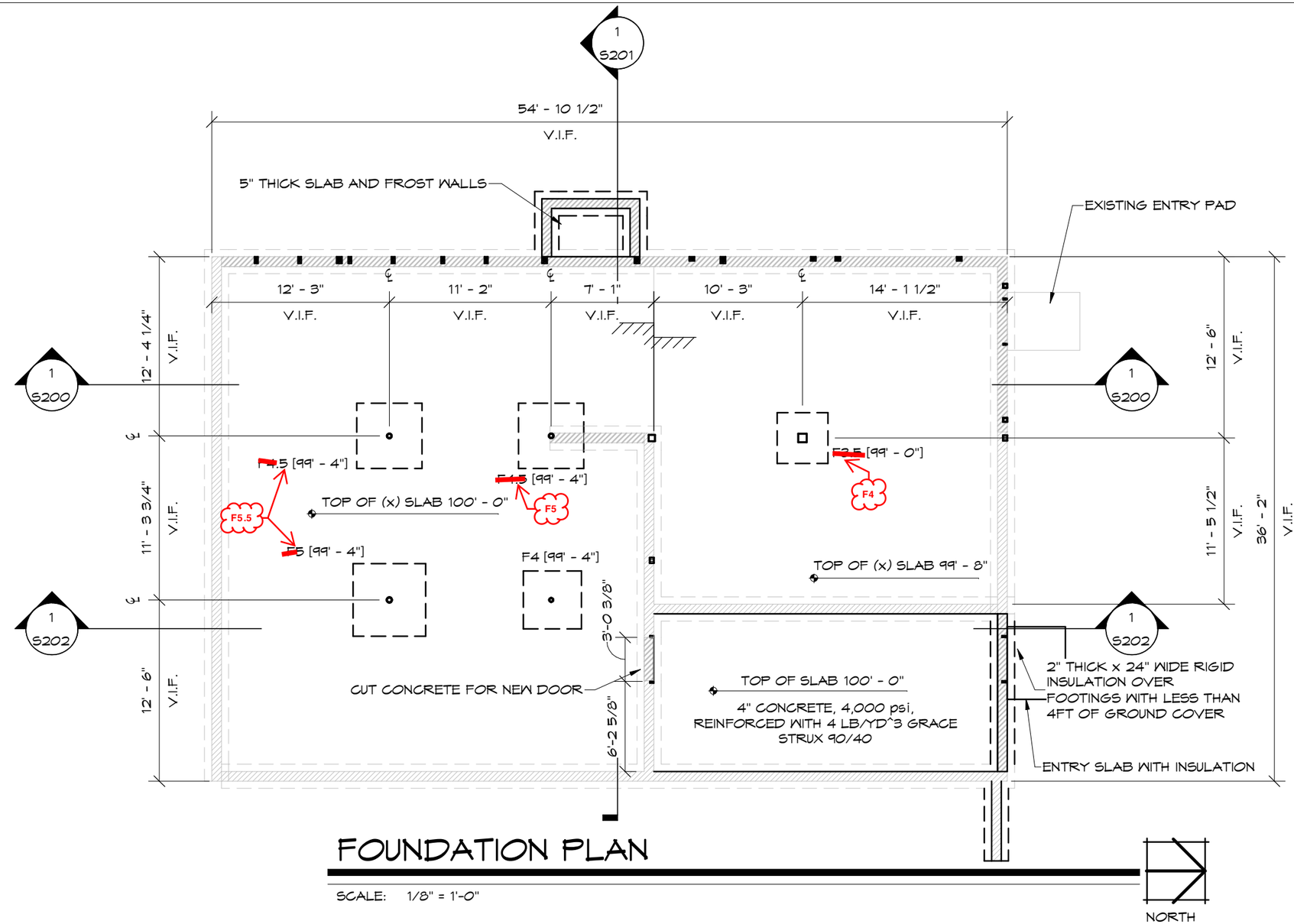
Mike Dunbar
Crossroads
Charlotte, VT

S202

BUILDING SECTIONS

FOOTING SCHEDULE

PLAN MARK	FOOTING DIMENSIONS	REINFORCING
F3.5	3' - 6" x 3' - 6" x 12"	(3) #4's EACH WAY
F4	4' - 0" x 4' - 0" x 12"	(3) #5's EACH WAY
F4.5	4' - 6" x 4' - 6" x 12"	(4) #5's EACH WAY
F5	5' - 0" x 5' - 0" x 15"	(4) #5's EACH WAY



FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

NOT FOR CONTRUCTION

NOTES:

1. TOP OF WALL (TOW) = SEE PLAN
2. TOP OF SLAB (TOS) = SEE PLAN
3. TOP OF FOOTING (TOF) [XX'-YY"] = SEE PLAN
4. TOP OF PIER (TOP) (XX'-YY") = SEE PLAN
5. CONTROL JOINTS (CJ) ARE TO BE SAWCUT CONTROL JOINTS OR CONSTRUCTION JOINTS, SEE DETAIL.
6. DENOTES SHEAR WALL
7. DENOTES SHEAR WALL HOLD DOWN
8. DO NOT BACKFILL BASEMENT WALLS MORE THAN 1/3 UNTIL SLAB ON GRADE AND FLOOR DECK ARE INSTALLED, U.N.O.
9. PSL COLUMNS ARE NOT PERMITTED TO BEAR ON SIDE GRAIN OF WALL PLATES OR SHEATHING. SEE PSL COLUMN BEARING DETAIL 7/ S402

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Date -	05/31/2017
Scale -	1/8" = 1'-0"

Mike Dunbar
Crossroads
Charlotte, VT

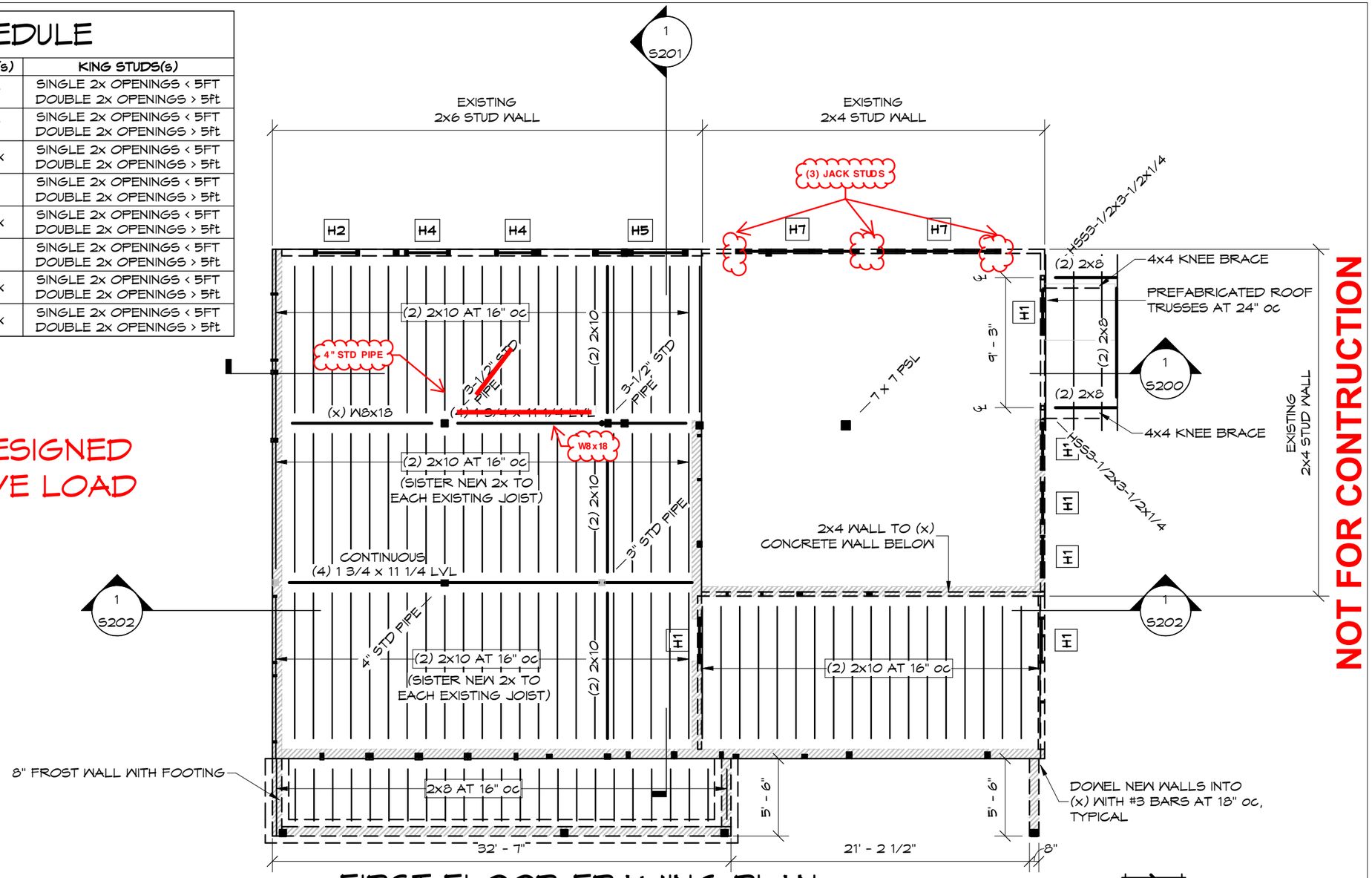
S100

FOUNDATION PLAN - 100 psf

HEADER SCHEDULE

PLAN MARK	HEADER SIZE	JACK STUD(s)	KING STUDS(s)
TYPICAL (U.N.O.)	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H1	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H2	(2) 2x8 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H3	(2) 2x12 (VERT) 2x (HORIZ)	TRIPLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H4	(3) 2x12 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H5	(3) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	QUAD 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H6	(2) 1 3/4 x 9 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H7	(2) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft

THIS FLOOR IS DESIGNED FOR A 100psf LIVE LOAD



NOT FOR CONTRUCTION

FIRST FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"

NORTH

NOTES:

1. ALL WALLS, COLUMNS, AND HEADERS ARE SHOWN BELOW THIS FLOOR PLAN
2. DENOTES SHEAR WALL
3. DENOTES SHEAR WALL HOLD DOWN
4. PSL COLUMNS ARE NOT PERMITTED TO BEAR ON SIDE GRAIN OF WALL PLATES OR SHEATHING. SEE PSL COLUMN BEARING DETAIL 7/ S402
5. STEEL COLUMNS NOTED AS "STD PIPE" (SCH 40) ARE AS DESCRIBED IN THE AISC STEEL CONSTRUCTION MANUAL, THEY ARE NOT "LALLY COLUMNS"
6. FLOOR SHEATHING SHALL BE 3/4" TONGUE AND GROOVE SHEATHING RATED FOR SPANS FASTENED WITH 10d RING SHANK NAILS AT 6" oc AND SUBFLOOR ADHESIVE.

Artisan ENGINEERING
STRUCTURAL ENGINEERING CONSULTANTS
120 Graham Way, Suite 124
Shelburne, VT 05482
tel 802 497 3531
www.ArtisanEng.com

Project # -	17112
Checked By -	Higgins
Drawn By -	Moore
Date -	05/31/2017
Scale -	1/8" = 1'-0"

Mike Dunbar
Crossroads
Charlotte, VT

S101

FIRST FLOOR FRAMING PLAN - 100 psf

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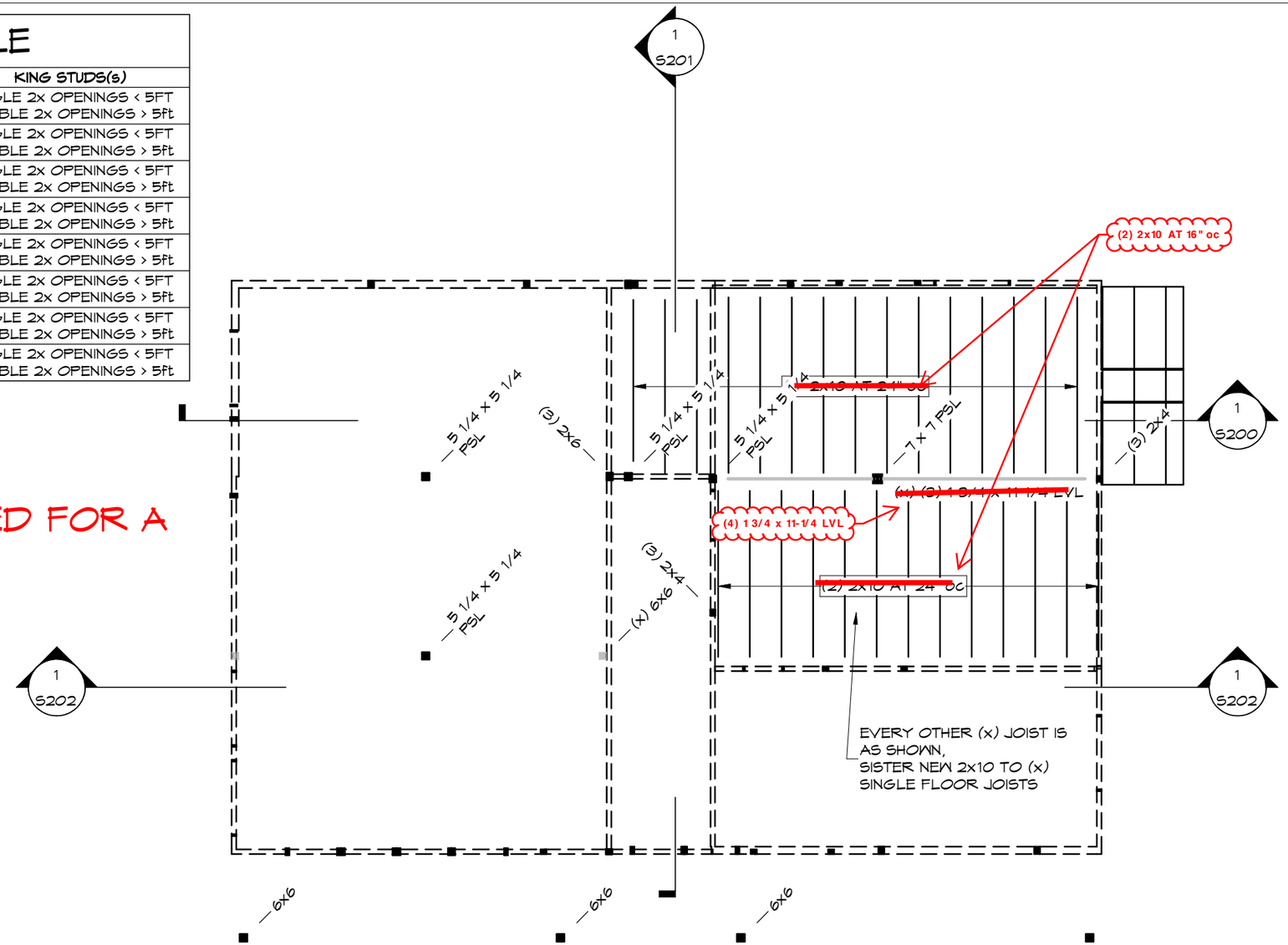
HEADER SCHEDULE

PLAN MARK	HEADER SIZE	JACK STUD(s)	KING STUDS(s)
TYPICAL (U.N.O.)	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H1	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H2	(2) 2x8 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H3	(2) 2x12 (VERT) 2x (HORIZ)	TRIPLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H4	(3) 2x12 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H5	(3) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	QUAD 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H6	(2) 1 3/4 x 9 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H7	(2) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft

THIS FLOOR IS DESIGNED FOR A ~~50 psf~~ LIVE LOAD

100 psf



NOT FOR CONTRUCTION

LEVEL 1.5 FRAMING PLAN

SCALE: 1/8" = 1'-0"

NORTH

NOTES:

1. ALL WALLS, COLUMNS, AND HEADERS ARE SHOWN BELOW THIS FLOOR PLAN
2. DENOTES SHEAR WALL
3. DENOTES SHEAR WALL HOLD DOWN
4. PSL COLUMNS ARE NOT PERMITTED TO BEAR ON SIDE GRAIN OF WALL PLATES OR SHEATHING. SEE PSL COLUMN BEARING DETAIL 7/ S402
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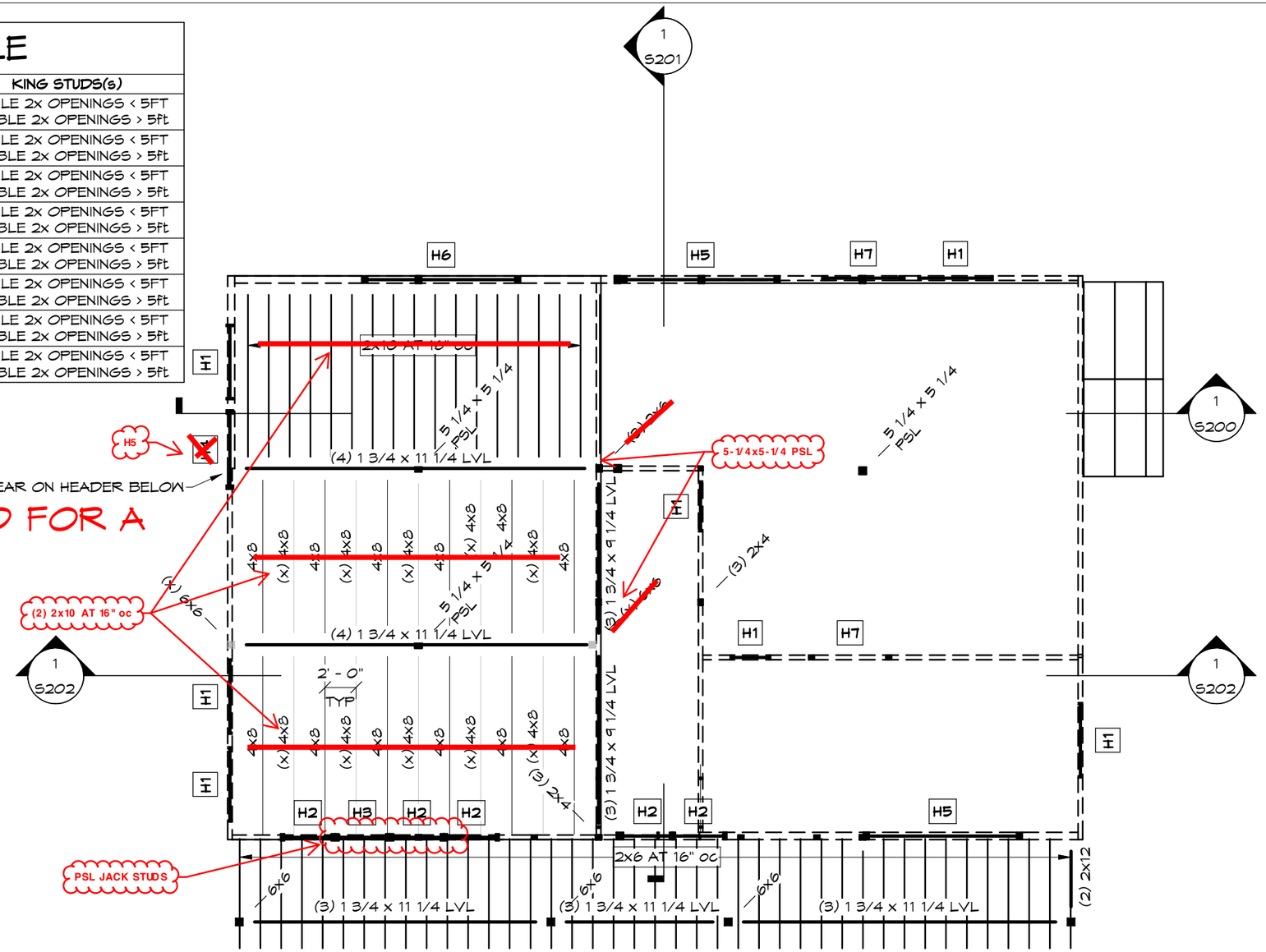
Mike Dunbar
Crossroads
Charlotte, VT

S102

LEVEL 1.5 FLOOR FRAMING PLAN - 100 psf

HEADER SCHEDULE

PLAN MARK	HEADER SIZE	JACK STUD(s)	KING STUDS(s)
TYPICAL (U.N.O.)	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H1	(2) 2x8 (VERT) 2x (HORIZ)	SINGLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H2	(2) 2x8 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H3	(2) 2x12 (VERT) 2x (HORIZ)	TRIPLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H4	(3) 2x12 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H5	(3) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	QUAD 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H6	(2) 1 3/4 x 9 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft
H7	(2) 1 3/4 x 11 1/4 (VERT) 2x (HORIZ)	DOUBLE 2x	SINGLE 2x OPENINGS < 5FT DOUBLE 2x OPENINGS > 5ft



THIS FLOOR IS DESIGNED FOR A ~~50 PSF~~ LIVE LOAD

100 PSF

NOT FOR CONTRUCTION

SECOND FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"

NORTH

NOTES:

1. ALL WALLS, COLUMNS, AND HEADERS ARE SHOWN BELOW THIS FLOOR PLAN
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3. DENOTES SHEAR WALL HOLD DOWN
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Mike Dunbar
Crossroads
Charlotte, VT

S103

SECOND FLOOR FRAMING PLAN - 100 psf

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